



August 2003

Two from Air Vehicles Directorate nominated for NASA selection board

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — The Air Force Research Laboratory's Air Vehicles Directorate has announced that Lt. Col. Peter Hughes and Maj. James Rogers Jr., have been nominated by the Air Force to participate in the NASA astronaut program selection board.

Final candidates are expected to be announced in early 2004. @

Directed Energy Protocol Officer retires



Marcene Hood

KIRTLAND AIR FORCE BASE, N.M. — Marcene Hood, chief protocol officer for the Air Force Research Laboratory's Directed Energy Directorate, retired July 2 after 34 years of federal service.

In her position, Hood has coordinated high-level and high-anxiety tours, functions, and ceremonies. She has worked with top government and community officials, including some of the Department of Defense's reigning generals and civilian equivalents.

After retirement, Hood plans to take six months off and enroll in classes to become proficient in medical transcription. She will then be able to work from home at her leisure. @

SN scientist authors chapter on Millimeter Wave Propagation

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — Dr. Edward E. Altshuler, AFRL/SNHA, is author of a chapter, "Millimeter Wave Propagation," in the *Wiley Encyclopedia of Telecommunications*. In this chapter, Altshuler reviews the strong interaction between millimeter waves and atmospheric gases, and particulates and the limitations they impose on millimeter-wave systems.

This five-volume *Encyclopedia*, which was released in April 2003, provides an overview of both the fundamentals of and recent advances in telecommunications. @

AFRL Major select promotions named

WRIGHT-PATTERSON AIR FORCE BASE, Ohio — Those selected for major promotion include Joy O. Baity, Richard J. Baldwin, Brian J. Beveridge, Jeffrey M. Burnside, Jason A. Girard, Mary E. Hartman, Lance M. Hrivnak, Paul Jones, Kevin C. Krueger, Steven A. Polliard, David Rodriguez, Paul C. Rounsavall, Gregory J. Schwabacher, Steven G. Steel, Jeffrey C. Wiemer, Brad L. Beatty, William L. McGraw, Daniel L. Warnock and Julia N. Sundstrom. @

AF Modeling and Simulation Award

MESA, Ariz. — The Air Force Research Laboratory's Training Systems Technology Team (TSTT), Warfighter Training Research Division, has been named the winner of the 2002 AF Modeling & Simulation Training category. The team was honored for developing a world-class training research and development program.

TSTT is the Department of Defense's premier research team for assessing the value of Distributed Mission Operations and integrating performance measurement systems into validates simulation environments for warfighters. @

AFRL, NASA sign agreement to combat pilot fatigue

BROOKS CITY-BASE, Texas — Sharing information and research on the human factors in space and aviation highlight interagency agreement officials from the Air Force Research Laboratory and the National Aeronautics and Space Administration Ames Research Center in California signed April 4.

Much of the research, and the first collaborative effort, will center around the effects of fatigue on aviators and astronauts and methods to counter that fatigue.

AFRL will study the effects of the stimulant Modafinil on pilots and will share the learned information with Ames. Other projects include collaborating on the effects of fatigue on the scientists and researchers working with the Mars Rover mission and people involved with jet propulsion studies. @